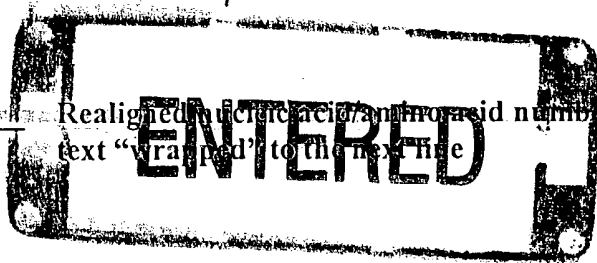


1/Fwo

**CRF Errors Edited by the STIC Systems  
Branch**

Serial Number: 10/733,184

CRF Edit Date: 8/24/04  
Edited by: AZ



\_\_\_ Corrected the SEQ ID NO. Sequence numbers edited were:  
\_\_\_\_\_

\_\_\_ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID  
NO's edited:  
\_\_\_\_\_

\_\_\_ Deleted: \_\_\_ invalid beginning/end-of-file text ; \_\_\_ page numbers

\_\_\_ Inserted mandatory headings/numeric identifiers, specifically:  
\_\_\_\_\_

\_\_\_ Moved responses to same line as heading/numeric identifier, specifically:  
\_\_\_\_\_

\_\_\_ Other:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



IFWO

## RAW SEQUENCE LISTING

DATE: 08/24/2004

PATENT APPLICATION: US/10/733,184

TIME: 12:06:57

Input Set : N:\AMC\30062-20005.09 - Seq List (from .00).txt

Output Set: N:\CRF4\08242004\J733184.raw

```

4 <110> APPLICANT: Khosla, Chaitan
5      Kao, Camilla
7 <120> TITLE OF INVENTION: METHOD TO PREPARE MACROLIDE ANALOGS
9 <130> FILE REFERENCE: 300062-20005.09
11 <140> CURRENT APPLICATION NUMBER: US 10/733,184
12 <141> CURRENT FILING DATE: 2003-12-10
14 <150> PRIOR APPLICATION NUMBER: US 09/740,313
15 <151> PRIOR FILING DATE: 2000-12-18
17 <150> PRIOR APPLICATION NUMBER: US 08/846,247
18 <151> PRIOR FILING DATE: 1997-04-30
20 <160> NUMBER OF SEQ ID NOS: 24
22 <170> SOFTWARE: FastSEQ for Windows Version 4.0
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 27
26 <212> TYPE: DNA
27 <213> ORGANISM: Artificial Sequence
29 <220> FEATURE:
30 <223> OTHER INFORMATION: Primer rapAT2 (forward)
32 <400> SEQUENCE: 1
33 ttttagatctg tgttcgtctt cccgggt                27
35 <210> SEQ ID NO: 2
36 <211> LENGTH: 36
37 <212> TYPE: DNA
38 <213> ORGANISM: Artificial Sequence
40 <220> FEATURE:
41 <223> OTHER INFORMATION: Primer rapAT2 (reverse)
43 <400> SEQUENCE: 2
44 tttctgcagc cagtaccgct ggtgctggaa ggcgta        36
46 <210> SEQ ID NO: 3
47 <211> LENGTH: 36
48 <212> TYPE: DNA
49 <213> ORGANISM: Artificial Sequence
51 <220> FEATURE:
52 <223> OTHER INFORMATION: Primer rapKR2 (forward)
54 <400> SEQUENCE: 3
55 tttctgcagg agggcacgga ccgggcgact gcggggt        36
57 <210> SEQ ID NO: 4
58 <211> LENGTH: 36
59 <212> TYPE: DNA
60 <213> ORGANISM: Artificial Sequence
62 <220> FEATURE:
63 <223> OTHER INFORMATION: Primer rapKR2 (reverse)
65 <400> SEQUENCE: 4

```

## RAW SEQUENCE LISTING

DATE: 08/24/2004

PATENT APPLICATION: US/10/733,184

TIME: 12:06:57

Input Set : N:\AMC\30062-20005.09 - Seq List (from .00).txt

Output Set: N:\CRF4\08242004\J733184.raw

```

66 ttttctagaa ccggcggcag cggcccgcag agcaat 36
68 <210> SEQ ID NO: 5
69 <211> LENGTH: 26
70 <212> TYPE: DNA
71 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Primer rapDH/KR4 (forward)
76 <400> SEQUENCE: 5
77 ttctgcagag cgtggaccgg gcggct 26
79 <210> SEQ ID NO: 6
80 <211> LENGTH: 30
81 <212> TYPE: DNA
82 <213> ORGANISM: Artificial Sequence
84 <220> FEATURE:
85 <223> OTHER INFORMATION: Primer rapDH/KR4 (reverse)
87 <400> SEQUENCE: 6
88 ttttctagag tcaccggtag aggcggccct 30
90 <210> SEQ ID NO: 7
91 <211> LENGTH: 30
92 <212> TYPE: DNA
93 <213> ORGANISM: Artificial Sequence
95 <220> FEATURE:
96 <223> OTHER INFORMATION: Primer rapDH/ER/KR1 (left half) (forward)
98 <400> SEQUENCE: 7
99 tttctgcagg gcgtggaccg ggcggctgcc 30
101 <210> SEQ ID NO: 8
102 <211> LENGTH: 30
103 <212> TYPE: DNA
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: Primer rapDH/ER/KR1 (left half) (reverse)
109 <400> SEQUENCE: 8
110 tttctcgagc accacgcccg cagcctcacc 30
112 <210> SEQ ID NO: 9
113 <211> LENGTH: 30
114 <212> TYPE: DNA
115 <213> ORGANISM: Artificial Sequence
117 <220> FEATURE:
118 <223> OTHER INFORMATION: Primer rapDH/ER/KR1 (right half) (forward)
120 <400> SEQUENCE: 9
121 tttctcgagg tcggtccgga ggtccaggat 30
123 <210> SEQ ID NO: 10
124 <211> LENGTH: 30
125 <212> TYPE: DNA
126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: Primer rapDH/ER/KR1 (right half) (reverse)
131 <400> SEQUENCE: 10
132 ttttctagaa tcaccggtag aagcagcccg 30

```

## RAW SEQUENCE LISTING

DATE: 08/24/2004

PATENT APPLICATION: US/10/733,184

TIME: 12:06:57

Input Set : N:\AMC\30062-20005.09 - Seq List (from .00).txt

Output Set: N:\CRF4\08242004\J733184.raw

```

134 <210> SEQ ID NO: 11
135 <211> LENGTH: 24
136 <212> TYPE: DNA
137 <213> ORGANISM: Artificial Sequence
139 <220> FEATURE:
140 <223> OTHER INFORMATION: Junction sequence for PstI site
142 <400> SEQUENCE: 11
143 gagccccagc ggtactggct gcag                                24
145 <210> SEQ ID NO: 12
146 <211> LENGTH: 24
147 <212> TYPE: DNA
148 <213> ORGANISM: Artificial Sequence
150 <220> FEATURE:
151 <223> OTHER INFORMATION: Junction sequence for XbaI site
153 <400> SEQUENCE: 12
154 tctagagcgg tgcaggcggc cccg                                24
156 <210> SEQ ID NO: 13
157 <211> LENGTH: 30
158 <212> TYPE: DNA
159 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: Primer (forward) for left flank
164 <400> SEQUENCE: 13
165 ttggatccg ttttcgtctt cccaggtcag                            30
167 <210> SEQ ID NO: 14
168 <211> LENGTH: 30
169 <212> TYPE: DNA
170 <213> ORGANISM: Artificial Sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: Primer (reverse) for left flank
175 <400> SEQUENCE: 14
176 tttctgcagc cagtaccgct ggggctcgaa                            30
178 <210> SEQ ID NO: 15
179 <211> LENGTH: 30
180 <212> TYPE: DNA
181 <213> ORGANISM: Artificial Sequence
183 <220> FEATURE:
184 <223> OTHER INFORMATION: Primer (forward) for right flank
186 <400> SEQUENCE: 15
187 ttttctagag cggcgcaggc ggccccggcg                            30
189 <210> SEQ ID NO: 16
190 <211> LENGTH: 29
191 <212> TYPE: DNA
192 <213> ORGANISM: Artificial Sequence
194 <220> FEATURE:
195 <223> OTHER INFORMATION: Primer (reverse) for right flank
197 <400> SEQUENCE: 16
198 aaaatgcac tatgaattcc ctccgccca                            29
200 <210> SEQ ID NO: 17

```

## RAW SEQUENCE LISTING

DATE: 08/24/2004

PATENT APPLICATION: US/10/733,184

TIME: 12:06:57

Input Set : N:\AMC\30062-20005.09 - Seq List (from .00).txt

Output Set: N:\CRF4\08242004\J733184.raw

```

201 <211> LENGTH: 24
202 <212> TYPE: DNA
203 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
206 <223> OTHER INFORMATION: Resulting junction sequence for PstI site
208 <400> SEQUENCE: 17
209 gaacaccagc gcttctggct gcag                24
211 <210> SEQ ID NO: 18
212 <211> LENGTH: 24
213 <212> TYPE: DNA
214 <213> ORGANISM: Artificial Sequence
216 <220> FEATURE:
217 <223> OTHER INFORMATION: Resulting junction sequence for XbaI site
219 <400> SEQUENCE: 18
220 tctagagacc ggctcgccgg tcgg                24
222 <210> SEQ ID NO: 19
223 <211> LENGTH: 21
224 <212> TYPE: DNA
225 <213> ORGANISM: Artificial Sequence
227 <220> FEATURE:
228 <223> OTHER INFORMATION: Resulting engineered DEBS/rapAT2 junction
230 <400> SEQUENCE: 19
231 agtgcctccg acggtggatc t                21
233 <210> SEQ ID NO: 20
234 <211> LENGTH: 24
235 <212> TYPE: DNA
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: Resulting engineered DEBS/rapAT2 junction
241 <400> SEQUENCE: 20
242 ctgcagccgg accgcaccac ccct                24
244 <210> SEQ ID NO: 21
245 <211> LENGTH: 47
246 <212> TYPE: DNA
247 <213> ORGANISM: Artificial Sequence
249 <220> FEATURE:
250 <223> OTHER INFORMATION: Oligonucleotide linker designed to generate
251     PstI-compatible ends upon hybridization
253 <400> SEQUENCE: 21
254 gccggaccgc accaccctc gtgacggaga accggagacg gagagct        47
256 <210> SEQ ID NO: 22
257 <211> LENGTH: 55
258 <212> TYPE: DNA
259 <213> ORGANISM: Artificial Sequence
261 <220> FEATURE:
262 <223> OTHER INFORMATION: Oligonucleotide linker designed to generate
263     XbaI-compatible ends upon hybridization
265 <400> SEQUENCE: 22
266 ctagagctct ccgtctccgg ttctccgtca cgaggggtgg tgcggtcgg ctgca        55

```

## RAW SEQUENCE LISTING

DATE: 08/24/2004

PATENT APPLICATION: US/10/733,184

TIME: 12:06:57

Input Set : N:\AMC\30062-20005.09 - Seq List (from .00).txt

Output Set: N:\CRF4\08242004\J733184.raw

268 <210> SEQ ID NO: 23  
269 <211> LENGTH: 12  
270 <212> TYPE: DNA  
271 <213> ORGANISM: Artificial Sequence  
273 <220> FEATURE:  
274 <223> OTHER INFORMATION: Sequence at the fusion  
276 <400> SEQUENCE: 23  
277 ctccactagtc ag 12  
279 <210> SEQ ID NO: 24  
280 <211> LENGTH: 9  
281 <212> TYPE: DNA  
282 <213> ORGANISM: Artificial Sequence  
284 <220> FEATURE:  
285 <223> OTHER INFORMATION: Sequence at the fusion  
287 <400> SEQUENCE: 24  
288 ggccgcgcc 9

**VERIFICATION SUMMARY**

DATE: 08/24/2004

PATENT APPLICATION: US/10/733,184

TIME: 12:06:58

Input Set : N:\AMC\30062-20005.09 - Seq List (from .00).txt

Output Set: N:\CRF4\08242004\J733184.raw



IFWO

## RAW SEQUENCE LISTING

DATE: 08/20/2004

PATENT APPLICATION: US/10/733,184

TIME: 12:32:00

Input Set : D:\30062-20005.09 - Seq List (from .00).txt

Output Set: N:\CRF4\08202004\J733184.raw

4 <110> APPLICANT: Khosla, Chaitan  
 5       Kao, Camilla  
 7 <120> TITLE OF INVENTION: METHOD TO PREPARE MACROLIDE ANALOGS  
 9 <130> FILE REFERENCE: 300062-20005.09  
 11 <140> CURRENT APPLICATION NUMBER: US 10/733,184  
 12 <141> CURRENT FILING DATE: 2003-12-10  
 14 <150> PRIOR APPLICATION NUMBER: US 09/740,313  
 15 <151> PRIOR FILING DATE: 2000-12-18  
 17 <150> PRIOR APPLICATION NUMBER: US 08/846,247  
 18 <151> PRIOR FILING DATE: 1997-04-30  
 20 <160> NUMBER OF SEQ ID NOS: 24  
 22 <170> SOFTWARE: FastSEQ for Windows Version 4.0

Does Not Comply  
 Corrected Diskette Needed

## ERRORED SEQUENCES

279 <210> SEQ ID NO: 24  
 280 <211> LENGTH: 9  
 281 <212> TYPE: DNA  
 282 <213> ORGANISM: Artificial Sequence  
 284 <220> FEATURE:  
 285 <223> OTHER INFORMATION: Sequence at the fusion  
 287 <400> SEQUENCE: 24  
 288 ggccgcgcc  
 E--> 295 5

9



**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/733,184

DATE: 08/20/2004

TIME: 12:32:01

Input Set : D:\30062-20005.09 - Seq List (from .00).txt

Output Set: N:\CRF4\08202004\J733184.raw

L:295 M:254 E: No. of Bases conflict, this line has no nucleotides.